

**Notice of Allowability**

Application No.

09/939,373

Examiner

Simon Sing

Applicant(s)

MEIJER ET AL.

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to after final amendment filed on 09/14/2005.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☒ Including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 510112.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

## **DETAILED ACTION**

### ***Drawings***

1. New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because the letterings in figures 1 and 2 (i.e. poor quality in handwriting in functional blocks, especially block 17, applicant is advised to replace handwritings with typed letters). Applicant is advised to employ the services of a competent patent draftsperson outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

### ***Allowable Subject Matter***

2. Claims 1-21 are allowed.
3. The following is an examiner's statement of reasons for allowance:
  - 3.1 Claim 1 discloses a system for sequentially switching a plurality of FM antennas by detecting a pulse signal pair from an antenna cable. The pulse signal pair, having no DC signal energy, are generated by a pulse shaper coupled to a pulse generator.

Lindenmeier (US 6,169,888) discloses a similar system in figure 3. Lindenmeier fails to teach a pulse shaper coupled to a signal generator, and controlling a switching circuit by detecting the pulse signal pair.

3.2 Claims 2-10 are allowed for being dependents of claim 1.

3.3 Claim 11 discloses a multi-antenna receiver system, comprising a plurality of FM antennas and a single AM antenna. An AM signal compensation circuit located in an antenna portion has a first input coupled to a cable connecting the antenna portion to a receiver, a second input coupled to the AM antenna for compensating (canceling) AM signals to an output coupled to an antenna selecting circuit. Lindenmeier fails to teach an AM antenna compensation circuit. Taniguchi et al (US 5,263,190) discloses a receiver system with AM antenna 31 and FM antennas 21 and 22 in figure 2. Taniguchi teaches a switch 23 for selecting one of the FM antennas but fails to teach an AM compensation circuit.

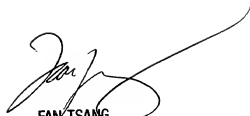
3.4 Claims 12-19 are allowed for being dependents of claim 11.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

A handwritten signature in black ink, appearing to be 'S. Sing', with a stylized, cursive script.

S. Sing

10/12/2005

A handwritten signature in black ink, appearing to be 'Fan Tsang', with a stylized, cursive script.

FAN TSANG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600